

TECHNICAL DATA SHEET

GF 204

3.0 MIL GLOSS WHITE VINYL CLEAR LOW-TACK REMOVABLE ADHESIVE

GF 204 is a 3.4 mil polymeric gloss white calendered vinyl coated with a clear low-tack removable acrylic pressure sensitive adhesive laminated to a 90# layflat liner. This vinyl is designed to accept a variety of solvent-based, eco-solvent, latex and *UV curable inks common to wide format digital printing systems. The clear adhesive creates a lasting bond to a variety of common substrates yet will remove easily and cleanly at the end of the useful life of the graphic. The 90# liner offers excellent product layflat in a variety of ambient conditions along with ease of application of large format graphics.

PRODUCT NAME	204
FILM	
Film Type	White Intermediate Vinyl
Film Thickness (mils/ μ m)	3.0 / 76 (+/- 10%)
Film Weight (gsm)	104
Gloss (60°)	≥ 80
Opacity (%)	94
Tensile Strength (lbs/in)	MD ≥ 3500 / CD ≥ 3500
Elongation (%)	MD ≥ 200 / CD ≥ 200
Dimensional Stability (FTM 14)	MD $\leq .50$ mm / CD $\leq .50$ mm
ADHESIVE	
Adhesive Type	Emulsion Acrylic
Adhesive Thickness (mils/ μ m)	0.8-1.0 / 20-25
Adhesive Color	Clear
Peel Strength on Stainless Steel (lbs/in) / (N/25mm) 15 min	.07-0.2 / 0.3-0.9
Peel Strength on Stainless Steel (lbs/in) / (N/25mm) 24 hrs	.07-0.3 / 0.3-1.3
Peel Strength on Glass (lbs/in) / (N/25mm) 15 min	0.1-.04 / 0.4-1.8
Peel Strength on Glass (lbs/in) / (N/25mm) 24 hrs	0.1-0.4 / 0.4-1.8
LINER	
Liner Weight (#/gsm)	90 / 145
Liner Type	White 2-Sided PE-Coated Kraft
Liner Thickness (mils/ μ m)	6.7 / 170
Release Force @ 300" / min (g/2")	80-130
PERFORMANCE GUIDANCE	
Application Temperature	$\geq +40$ °F
Service Temperature	-40 °F to 180 °F
Shelf Life	1 year
Storage Temp / Rel. Humidity	70 °F / 50%
Outdoor Durability	up to 5 years
Removability	up to 1 year

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PRODUCT SNAPSHOT	APPLICATIONS	INK TYPE
<p>APPLICATION</p> <ul style="list-style-type: none"> <input type="radio"/> WET APPLY <input checked="" type="radio"/> DRY APPLY <input type="radio"/> LAMINATING <input type="radio"/> MOUNTING <input checked="" type="radio"/> DIE CUTTABLE <input type="radio"/> HOT STAMP <input type="radio"/> THERMAL DIE <input checked="" type="radio"/> FLATBED CUTTABLE 	<ul style="list-style-type: none"> <input checked="" type="radio"/> POP/RETAIL <input type="radio"/> WALL <input type="radio"/> WRAP <input checked="" type="radio"/> WINDOW <input type="radio"/> FLOOR <input type="radio"/> TRANSLUCENT <input type="radio"/> FLEET <input checked="" type="radio"/> GENERAL SIGNAGE <input checked="" type="radio"/> OUTDOOR (SHORT TERM) <input checked="" type="radio"/> OUTDOOR (LONG TERM) 	<ul style="list-style-type: none"> <input checked="" type="radio"/> SOLVENT <input checked="" type="radio"/> ECO-SOLVENT <input checked="" type="radio"/> LATEX <input checked="" type="radio"/> UV CURABLE <input checked="" type="radio"/> SCREEN <input checked="" type="radio"/> OFFSET (UV CURABLE) <input type="radio"/> OFFSET (CONVENTIONAL)
<p>SUBSTRATES</p> <ul style="list-style-type: none"> <input checked="" type="radio"/> OEM PAINTED METAL <input type="radio"/> PAINTED ALUMINUM <input type="radio"/> STAINLESS STEEL <input type="radio"/> LOW-ENERGY SURFACES <input type="radio"/> ACRYLIC <input checked="" type="radio"/> GLASS <input type="radio"/> POLYESTER 		

FAQS

What applications is GF 204 intended for?	GF 204 is designed for temporary interior or exterior signage, decals, nameplates, die-cut letters and point-of-purchase displays. Not designed for coated/ sealed/ treated stainless steel, brass or bronze surfaces.
How long can GF 204 be applied to windows?	GF 204 is rated for 1 year clean removability. If the vinyl is left on for longer, it will not adversely affect the glass surface, but may be harder to remove, including the possibility of adhesive transfer.